ABSTRACT

The present invention relates to the surprising finding that enamel matrix, enamel matrix derivatives and/or enamel matrix proteins induce dentin regeneration. The invention thus relates to the use of a preparation of an active enamel substance for the preparation of a pharmaceutical composition for the formation or regeneration of dentin following dental procedures involving exposure of vital dental pulp tissue. In another aspect, the invention relates to a method of promoting the formation or regeneration of dentin following dental procedures involving exposure of vital dental pulp tissue, the method comprising applying an effective amount of an active enamel substance on exposed vital dental pulp tissue after dental procedures.